

Complex/Monument	National Wildlife Refuge (NWR)	Inventory Unit (acreage)	Required Components				Other Components	Summary
			<i>(1) Has at least 5,000 acres of land or is of sufficient size to make practicable its preservation and use in an unconfined condition, or is a roadless island.</i>	<i>(2) Generally appears to have been affected primarily by the forces of nature, with the imprint of man's work substantially unnoticeable.</i>	<i>(3a) Has outstanding opportunities for solitude.</i>	<i>(3b) Has outstanding opportunities for a primitive and unconfined type of recreation.</i>	<i>(4) Contains ecological, geological, or other features of scientific, educational, scenic, or historical value.</i>	<i>Parcel qualifies as a WSA (meets criteria 1, 2, &amp; 3a or 3b)</i>
	Guam NWR	Ritidian Unit, Guam NWR, terrestrial portion (385 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not of sufficient size to make its preservation and use in an unimpaired condition practicable and of a size suitable for wilderness management.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Endangered birds and plants, migratory birds; wildlife-dependent recreation, cultural resources	No

		Ritidian Unit, Guam NWR, marine portion (832 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not of sufficient size to make its preservation and use in an unimpaired condition practicable and of a size suitable for wilderness management.	Yes. Marine landscape appears relatively pristine and affected primarily by the forces of nature.	No. Unit is actively and regularly visited by the public and refuge staff.	No. Recreation is highly regulated with limited area in which to participate in recreational activities.	Endangered birds and plants, migratory birds; wildlife-dependent recreation, cultural resources	No
Marianas Trench Marine National Monument	Mariana Trench NWR	Mariana Trench NWR (50,532,102 acres submerged lands)	Not evaluated.	Not evaluated.	Not evaluated.	Not evaluated.	Not evaluated.	Not evaluated.
	Mariana Arc of Fire NWR	Mariana Arc of Fire NWR (55,912 acres of submerged lands consisting of 21 volcanic features with 1 nmi radial boundary)	Yes. 21 separate submarine volcanic features totaling 55,912 acres.	Yes. Completely natural submarine volcanic arc. No diminishing factors.	Yes. Isolation from human habitation. Areas have enjoyed limited human exploration.	Yes. Unit can be observed by technical divers.	Stony corals, undersea mud volcanoes and thermal vents and other geological and biological phenomena.	Yes.

Pacific Remote Islands Marine National Monument	Howland Island NWR	Howland Island (330 acres)	Yes. Is a roadless island.	Yes. Not diminished by day beacon and other artifacts.	Yes. Uninhabited island 1000 nmi from Hawai'i.	No. Refuge is closed to all recreational activities.	Earhart day beacon, WWII artifacts, guano mining, and nesting seabirds.	Yes
		Submerged lands and waters to 12 nmi (34,000 acres)	Yes. Approximately 34,000 acres contained within the territorial sea from mean high tide to 12 nmi.	Yes. Coral reefs and other underwater features untouched by humans.	Yes. Isolation from habitation both on surface and below.	Yes. Refuge has been closed to public access since establishment to protect unique and fragile natural resources; however opportunities are present.	Pristine coral reefs and associated marine fish, mammals, and turtles abound.	Yes
	Baker Island NWR	Baker Island (531 acres)	Yes. Is a 531-acre roadless island.	No. The imprint of man's work is substantially noticeable.	Yes. Uninhabited island 1,690 nmi from Hawai'i.	No. Refuge is closed to all recreational activities.	Baker day beacon, guano mining, colonization ruins, WWII military ruins, and nesting seabirds.	No
		Marine Unit (31,378 acres of submerged lands and waters to 12 nmi)	Yes. Approximately 31,378 acres are contained within the territorial sea from mean high tide 12 nmi.	Yes. Coral reefs and other underwater features untouched by humans.	Yes. Isolation from habitation both on surface and below.	Yes. Refuge has been closed to public access since establishment to protect unique and fragile natural resources; however opportunities are present.	Nearly pristine coral reefs and associated marine fish, mammals, and turtles abound.	Yes

	Johnston Atoll NWR	Terrestrial Unit (696 acres of emergent lands).	No. Is not a roadless island.	No. Highly altered environment with 10 miles of paved roadway, landfill, and permanent structures.	Yes. Approximately 717 miles west-southwest of Honolulu. Temporary field camps do not intrude on solitude.	Yes. Refuge currently closed to the public to protect and restore its unique natural resources; however, opportunities are present.	Seabirds, shorebirds, one of the most isolated atolls in the world.	No.
		Marine Unit (530,100 acres of submerged lands and waters to 12 nmi	Yes. 530,100 acres of submerged lands and waters to 12 nmi.	No. Remnants of human presence and influence on the atoll. Structures from military mission.	Yes. Approximately 717 miles west-southwest of Honolulu, presence of FWS staff and volunteers does not detract from opportunities for solitude.	Yes. Refuge is currently closed to the public to protect and restore its unique natural resources; however opportunities are present.	Coral reefs and associated marine fish, mammals, and turtles.	No.
	Wake Atoll NWR	Wake Atoll NWR	Not evaluated.	Not evaluated.	Not evaluated.	Not evaluated.	Not evaluated.	Not evaluated.
	Kingman Reef NWR	Kingman Reef NWR (483,760 acres)	Yes. 3 acres of emergent coral rubble spits, 3 acres of emergent reef, 483,754 acres of submerged reefs and associated waters out to 12 nmi.	Yes. Coral rubble spits, emergent and submerged coral reefs, and other underwater features untouched by humans.	Yes. 932 miles southwest of Hawai'i. Isolation from habitation both on surface and below.	Yes. Refuge has been closed to public access since establishment to protect unique and fragile natural resources; however opportunities are present.	Nearly pristine coral reefs and associated marine fish, mammals, and turtles abound. Roosting site for brown boobies and migratory shorebirds. Greatest proportion of apex predators in the	Yes.

							world.	
	Palmyra Atoll NWR	Terrestrial Unit (320 acres of emergent lands)	No. Does not contain 5,000 acres, is not a roadless island, and is not of sufficient size to make its preservation and use in an unimpaired condition practicable and of a size suitable for wilderness management. 320 acres of emergent islets connected by roads and fill.	No. Highly altered environment with roadways, causeways, potential UXO.	Yes. Approximately half-way between Hawai'i and American Samoa. Maximum of 25 individuals reside at the atoll, with habitation on Cooper Island and not within refuge lands.	Yes. Lush environment and diverse natural resources provide excellent opportunities for observation and exploration of an atoll system.	Native vegetation; roosting, feeding, and nesting seabirds and shorebirds; and coconut crabs.	No.
		Marine Unit (480,647 acres of submerged lands and waters to 12 nmi)	Yes. 480,647 acres containing 3 central lagoons, submerged reefs, and open water out to 12 nmi.	Yes. Coral dredging does not detract from the overall naturalness of the unit. Motorized vessel transport is limited.	Yes. Approximately half-way between Hawai'i and American Samoa. Isolation from habitation on and below the water surface. Limited human presence.	Yes. Various limitations on certain approved recreational activities, however opportunities are present.	Nearly pristine coral reefs and associated marine fish, mammals, and turtles abound.	Yes.
	Jarvis Island NWR	Jarvis Island (1,273	Yes. Is a roadless island.	Yes. Not diminished by day beacon and other	Yes. Uninhabited island 1000 nmi from	No. Refuge is closed to all recreational	Jarvis Light day beacon, <i>Amaranth</i> memorial, guano	Yes

		acres)		artifacts.	Hawai'i.	activities.	mining, colonization ruins, historic shipwreck, and nesting seabirds.	
		Marine Unit (36,214 acres of submerged lands and waters to 12 nmi)	Yes. Approximately 36,214 acres contained within the territorial sea from mean high tide to 12 nmi.	Yes. Coral reefs and other underwater features untouched by humans.	Yes. Isolation from habitation both on surface and below.	Yes. Refuge has been closed to public access since establishment to protect unique and fragile natural resources; however opportunities are present.	Pristine coral reefs and associated marine fish, mammals, and turtles abound.	Yes
Rose Atoll Marine National Monument	Rose Atoll NWR	Rose Atoll NWR (1,620 acres)	Yes. Consists of two roadless islands with associated lagoon and reef.	Yes. Marine and terrestrial landscapes appear relatively pristine and affected primarily by the forces of nature. Not diminished by vessel grounding.	Yes. Uninhabited island 1,600 nmi from Hawaii and 70 nmi from Ta'u, the nearest inhabited island.	Yes. Refuge is closed to all recreational activities; however its natural state and remote location would provide opportunities for primitive and unconfined recreation.	Pristine coral reefs, reef fish, giant clams, beach strand, native terrestrial vegetation, unexplored deep slopes, localized upwelling currents, migratory shorebirds, seabirds.	Yes
Papahānaumokuākea Marine National Monument	Hawaiian Islands NWR	Terrestrial Unit (1,766 acres of emergent land)	Yes. Archipelago is a series of 8 roadless emergent islands, reefs, and atolls.	Yes. Temporary field camps and marine debris do not detract from overall naturalness. Runway at Tern Island minimally intrusive in the unit as	Yes. Temporary field camps at French Frigate Shoals and Laysan Islands do not detract from the solitude that characterizes the unit.	Yes. Refuge closed to public access to protect its unique and fragile natural resources; however opportunities are present.	Seabirds, shorebirds, marine mammals, marine fish, coral reefs, turtles, archeological sites. endangered Hawaiian monk seal.	Yes

				a whole.				
		Marine Unit (252,652 acres of submerged lands and waters)	Yes. 252,652 acres of submerged lands and waters.	Yes. Marine debris does not detract from overall naturalness of the unit. Limited marine vessel traffic.	Yes. Isolation from habitation on and below water surface. Midway Atoll and Kaua'i are the nearest inhabited islands. Limited marine vessel traffic.	Yes. Refuge closed to public access to protect its unique and fragile natural resources; however opportunities are present.	Nearly pristine coral reefs and associated fish, mammals and turtles. endangered Hawaiian monk seal. High endemism. Military, maritime, and cultural resources.	Yes
	Midway Atoll NWR	Terrestrial Unit (1,464 acres of emergent lands)	No. Does not contain 5,000 acres, is not a roadless island, and is not of sufficient size to make its preservation and use in an unimpaired condition practicable and of a size suitable for wilderness management. 20 miles of maintained roads. Active, maintained runway.	No. Landscape is highly modified and actively managed.	Yes. 1,260 nmi northwest of Honolulu. Despite inhabitants on Sand Island (approximately 65), opportunities for solitude many areas are present.	Yes. Various limitations on approved recreation activities; nonetheless, primitive and unconfined recreation opportunities are present.	Seabirds, migratory shorebirds, endangered Hawaiian monk seal and short-tailed albatross, sea turtles.	No
		Marine Unit (580,392	Yes. 580,392 acres of submerged lands and	Yes. Coral dredging does not detract from	Yes. 1,260 nmi northwest of	Yes. Opportunities are	Sea turtles, marine mammals, corals, and fishes; endangered	Yes

		acres of submerged lands and waters to 12 nmi)	waters to 12 nmi.	overall naturalness of unit.	Honolulu. Isolation from habitation above and below water surface.	present.	Hawaiian monk seal; wildlife-dependent recreation, historic significance of Battle of Midway.	
Kaua'i National Wildlife Refuge Complex	Hanalei NWR	A: Hanalei NWR (917 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not practicable to manage as a wilderness.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Endangered Hawaiian waterbirds and nēnē (Hawaiian goose)	No
	Hulē'ia NWR	B: Hulē'ia NWR (241 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not practicable to manage as a wilderness.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Endangered waterbirds, nēnē (Hawaiian goose), and 'ōpe'ape'a (Hawaiian hoary bat)	No
	Kīlauea Point NWR	Kīlauea Point NWR (405 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not practicable to manage as a wilderness.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Migratory seabirds, endangered nēnē and Hawaiian waterbirds; wildlife-dependent recreation, historic lighthouse	No
O'ahu National Wildlife Refuge Complex	James Campbell NWR	James Campbell NWR (1,100 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not practicable to manage as a wilderness.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Endangered Hawaiian waterbirds, migratory shorebirds, endangered and native plant species, endangered monk	No



							seals, green sea turtles.	
	O'ahu Forest NWR	O'ahu Forest NWR (4,525 acres)	Yes. At 4,525 acres unit is of sufficient size to make its preservation and use in an unimpaired condition suitable for wilderness management.	Yes. Temporary container and airplane debris does not detract from overall naturalness.	Yes. Isolated unit high in the Ko'olau Range.	Yes. Refuge currently closed to public use, but difficult access and natural state enhance recreation opportunities.	Endangered forest birds and plants.	Yes
	Pearl Harbor NWR	Pearl Harbor NWR (99 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not practicable to manage as a wilderness.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Endangered Hawaiian waterbirds, migratory birds, and the endangered plant 'Ewa hinahina	No
Maui National Wildlife Refuge Complex	Kakahai'a NWR	Kakahai'a NWR (44.6 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not practicable to manage as a wilderness.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Not evaluated.	No
	Keālia Pond NWR	Kealia Pond NWR (691 acres)	No. Does not contain 5,000 acres, is not a roadless island, and is not practicable to manage as a wilderness.	No. Landscape is highly modified and actively managed.	No. Unit is actively and regularly managed.	No. Recreation is highly regulated and requires staff presence.	Not evaluated.	No

	Molokini Unit <sup>1</sup>	Molokini Unit (19 acres proposed as an overlay refuge)	Yes. Is a roadless islet.	No. Contains a permanent aid to navigation, highly visible within the tiny islet.	No. Marine vessel and human presence around the islet is heavy.	Yes. Unit is not currently open to the public, however opportunities are present.	Not evaluated.	No
Big Island National Wildlife Refuge Complex	Hakalau Forest	A: Kona Forest NWR (5,300 acres)	Yes. 5,300 roadless acres.	No. Landscape is highly modified and actively managed.	No. Small, confined area surrounded by ranches and highway.	Yes. Unit is not currently open to the public, however opportunities are present.	Endangered forest bird species, 'ōpe'ape'a (Hawaiian hoary bat), and at least six endangered plants.	No.
		B1: Hakalau Forest Unit (9,000 acres)	Yes. 9,000 roadless acres.	No. Landscape is highly modified and actively managed.	No. Use of motor vehicles; refuge management facilities.	No. Facilities and active regulation.		No.
		B2: Hakalau Forest Unit (23,000 acres)	Yes. 23,000 roadless acres.	Yes. Abandoned fences and gates do not detract from the unit's overall naturalness.	Yes. Large, isolated area.	Yes. Difficult access and natural state enhance recreation opportunities.		Yes.

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<sup>1</sup> Proposed as an overlay National Wildlife Refuge.